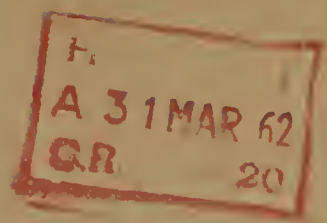


February



BOROUGH OF WESTON - SUPER - MARE

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR
1960



Including the
REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR
AND THE METEOROLOGICAL REPORT

B O R O U G H O F W E S T O N - S U P E R - M A R E

A N N U A L R E P O R T
O F T H E
M E D I C A L O F F I C E R O F H E A L T H
F O R T H E Y E A R
1 9 6 0

Including the
REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR
AND THE METEOROLOGICAL REPORT

B O R O U G H O F W E S T O N - S U P E R - M A R E

PUBLIC HEALTH COMMITTEE

(January to May 1960)

Chairman

COUNCILLOR LT.-COL. G.C.G. GREY, O.B.E., C.C.

Vice-Chairman

COUNCILLOR H.S. ALLEN

ALDERMAN H. DODGSON, C.A.

ALDERMAN A.J. HEYBYRNE

COUNCILLOR N.W. HASKINS

COUNCILLOR R. IVENS

COUNCILLOR CAPT. J.L. TREVITT

ALDERMAN G.W. COUCH

COUNCILLOR F.A. BOYD

COUNCILLOR G.A. PARROTT, J.P.

COUNCILLOR G.F. WADHAM

COUNCILLOR W.B. GREENWOOD, O.B.E.

(May to December 1960)

Chairman

COUNCILLOR LT.-COL. G.C.G. GREY, O.B.E., C.C.

Vice-Chairman

ALDERMAN H. DODGSON, C.A.

ALDERMAN G.W. COUCH

ALDERMAN D.H. MILLER-BARSTOW, M.A.

COUNCILLOR W.B. GREENWOOD

COUNCILLOR CAPT. J.L. TREVITT

ALDERMAN A.J. HEYBYRNE

COUNCILLOR F.A. BOYD

COUNCILLOR N.W. HASKINS

COUNCILLOR G.F. WADHAM

DEPARTMENT OF PUBLIC HEALTH

| | | |
|--|-----|---------------|
| Medical Officer of Health | ... | D. McGowan |
| Chief Public Health Inspector | ... | G.P. Lawrence |
| Public Health Inspectors | ... | S. Joules |
| | | E. Knowles |
| | | J. Richards |
| Abattoir Superintendent and Public Health Inspector | ... | W.W. White |
| Clerical Staff | ... | 5 |

PUBLIC HEALTH DEPARTMENT,
THE TOWN HALL,
WESTON-SUPER-MARE.

To the Mayor, Aldermen and Councillors of
The Borough of Weston-super-Mare.

MR. MAYOR, LADIES AND GENTLEMEN,

I have pleasure in presenting to you the Annual Report on the health of the Borough and the work of the Public Health Department in 1960.

The statistical section again shows satisfactory figures, in that in addition to the fact that the infant mortality rate is again well below the national level, the birth rate for the town has shown a steady rise during the past few years. This is a healthy sign in any community, and might possibly mean that we are becoming a better balanced population. By this I mean that the town may be moving into a phase where we do not have the same abnormally high proportion of old people as we have had in the past.

I have again stressed the importance of coordination between the services available for the older people in the town. This is a subject on which I have very strong views, and the present division of responsibility for the care and welfare of the elderly among so many different organisations makes it difficult to obtain maximum efficiency unless this cooperation is kept at a very high level.

Work on the new main drainage scheme is progressing well, and so far as one can see, this will be the last major public health engineering work to be carried out in the town for many years to come.

A report on the work carried out by the Public Health Inspectors is given in Mr. Lawrence's section, and I would like to thank him and the other Inspectors for their help during the year.

I also thank the Chairman and members of the Public Health Committee, and of other Committees with which the Health Department is associated, and the Officers and Staff of other Departments for their assistance and cooperation.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

DAVID McGOWAN,

Medical Officer of Health.

SUMMARY OF STATISTICS

GENERAL STATISTICS

Area (including foreshore) ... 7,006 acres
 Population - Registrar-General's estimate for
 mid-1960 ... 41,110

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR 1960.

Live Births

| | Male | Female | Total |
|------------------|------------|------------|------------|
| Legitimate ... | 280 | 295 | 575 |
| Illegitimate ... | 21 | 14 | 35 |
| | <u>301</u> | <u>309</u> | <u>610</u> |

Live Birth Rate (per 1,000 population) = 14.8

Corrected Birth Rate (Comparability Factor 1.13) = 16.7

Illegitimate Live Births per cent of total live births = 5.7%

Stillbirths

| | Male | Female | Total |
|------------------|----------|----------|-----------|
| Legitimate ... | 4 | 8 | 12 |
| Illegitimate ... | 1 | - | 1 |
| | <u>5</u> | <u>8</u> | <u>13</u> |

Stillbirth Rate (per 1,000 live and stillbirths) = 20.9

Total live and stillbirths ... 623

Infant Deaths (Deaths under 1 year)

| | Male | Female | Total |
|------------------|----------|----------|----------|
| Legitimate ... | 5 | 1 | 6 |
| Illegitimate ... | - | 1 | 1 |
| | <u>5</u> | <u>2</u> | <u>7</u> |

Infant Mortality Rates

Total Infant Deaths per 1,000 total live births = 11.5

Legitimate Infant Deaths per 1,000 legitimate live births = 10.4

Illegitimate Infant Deaths per 1,000 illegitimate live births = 28.6

Neonatal Mortality Rate (Deaths under 4 weeks
 per 1,000 total live births) = 8.2

Early Neonatal Mortality Rate (Deaths under
 1 week per 1,000 live births) = 8.2

Perinatal Mortality Rate (Stillbirths and Deaths
 under 1 week per 1,000 total live and still
 births) = 28.9

Maternal Deaths = Nil

Maternal Mortality Rate (per 1,000 live and stillbirths) = Nil

| <u>Deaths</u> | Male | Female | Total |
|---------------|------|--------|-------|
| | 293 | 345 | 638 |

Crude Death Rate (per 1,000 population) = 15.5

Corrected Death Rate (Comparability Factor 0.72) = 11.2

V I T A L S T A T I S T I C S

BIRTHS

The Registrar-General gives the corrected number of live births in the town as 610 (301 boys and 309 girls), this being 2 more than in 1959. Of these births, 35 were illegitimate (21 boys and 14 girls). This is 5.7 per cent of the total live births, as compared with 5.3 per cent in 1959.

The crude birth rate for 1960 was 14.8, and when the comparability factor (1.13) is applied, the corrected birth rate was 16.7 per 1,000 of the total population, which is exactly the same as in 1959. The birth rate for England and Wales in 1960 was 17.1.

BIRTH RATES

| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 |
|--|------|------|------|------|------|------|------|------|------|------|
| England and Wales | 15.5 | 15.3 | 15.5 | 15.2 | 15.0 | 15.7 | 16.1 | 16.4 | 16.5 | 17.1 |
| Weston-super-Mare | 13.1 | 11.5 | 13.4 | 13.0 | 14.5 | 13.3 | 14.0 | 15.5 | 16.7 | 16.7 |
| Percentage of Illegitimate Births to Total Births in Weston-super-Mare | 5.8 | 4.6 | 6.0 | 5.2 | 5.4 | 2.3 | 5.3 | 2.0 | 5.3 | 5.7 |

STILLBIRTHS

The registered number of stillbirths in 1960 was 13 (5 males and 8 females), of which one was illegitimate, thus giving a stillbirth rate of 20.9 per 1,000 total births, again exactly the same as in 1959.

INFANT MORTALITY

Seven deaths occurred in children under the age of one year in 1960, compared with eight in 1959. These seven deaths give an Infant Mortality Rate of 11.5 per 1,000 live births, the Rate for England and Wales as a whole being 21.7. Five of the seven deaths occurred during the first week after birth. The Perinatal Mortality (Deaths of Infants during the first week after birth plus stillbirths) was 28.9 per 1,000 live and stillbirths.

MATERNAL MORTALITY

There were no deaths due to maternal causes in 1960.

DEATHS

After correction for transferable deaths the total assigned to the Borough by the Registrar-General was 638 (293 males and 345 females). This is 24 less than in 1959 and gives a crude death rate of 15.5 per 1,000 of population. When adjusted for age and sex distribution to make it comparable with other districts, the local death rate was 11.2, compared with 11.5 for England and Wales as a whole.

DEATH RATES

| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 |
|------------------------------------|------|------|------|------|------|------|------|------|------|------|
| England and Wales | 12.5 | 11.3 | 11.4 | 11.3 | 11.7 | 11.7 | 11.5 | 11.7 | 11.6 | 11.5 |
| Adjusted D.R. Weston-super-Mare | 12.1 | 11.2 | 9.8 | 10.0 | 10.6 | 11.4 | 10.7 | 12.0 | 11.6 | 11.2 |

SEX AND AGE DISTRIBUTION OF DEATHS, 1960.

| Ages at Death in years | Males | Females | Total | Difference from 1959 figures |
|---------------------------|-------|---------|-------|---------------------------------|
| Under 1 | 5 | 2 | 7 | -1 |
| 1 - | 2 | 2 | 4 | +2 |
| 5 - | 1 | - | 1 | +1 |
| 15 - | 1 | - | 1 | 0 |
| 25 - | 8 | 5 | 13 | -8 |
| 45 - | 69 | 36 | 105 | -12 |
| 65 - 69 | 40 | 35 | 75 | -4 |
| Total under 70 years | 126 | 80 | 206 | -22 |
| 70 - | 51 | 46 | 97 | -10 |
| 75 - | 46 | 69 | 115 | -14 |
| 80 - | 43 | 74 | 117 | +24 |
| 85 - | 23 | 46 | 69 | -14 |
| 90 - | 2 | 22 | 24 | +4 |
| 95 - | 2 | 5 | 7 | +5 |
| 100 - | - | 3 | 3 | +3 |
| Total over 70 years | 167 | 265 | 432 | -2 |
| TOTALS | 293 | 345 | 638 | -24 |

CAUSES OF DEATH 1960

| Causes of Death | Males | Females | Totals |
|---|-------|---------|--------|
| 1. Tuberculosis, respiratory | 5 | 3 | 8 |
| 2. Tuberculosis, other | - | - | - |
| 3. Syphilitic diseases | 1 | - | 1 |
| 4. Diphtheria | - | - | - |
| 5. Whooping Cough | - | - | - |
| 6. Meningococcal Infections | - | - | - |
| 7. Acute Poliomyelitis | - | - | - |
| 8. Measles | - | - | - |
| 9. Other infective and parasitic diseases | - | - | - |
| 10. Malignant neoplasm, stomach | 8 | 3 | 11 |
| 11. Malignant neoplasm, lung, bronchus | 8 | 2 | 10 |
| 12. Malignant neoplasm, breast | - | 10 | 10 |
| 13. Malignant neoplasm, uterus | - | 2 | 2 |
| 14. Other malignant and lymphatic neoplasms | 31 | 24 | 55 |
| 15. Leukaemia, aleukaemia | 3 | 2 | 5 |
| 16. Diabetes | 1 | 1 | 2 |
| 17. Vascular lesions of nervous system | 34 | 84 | 118 |
| 18. Coronary disease, angina | 72 | 58 | 130 |
| 19. Hypertension with heart disease | 8 | 10 | 18 |
| 20. Other heart disease | 26 | 62 | 88 |
| 21. Other circulatory disease | 11 | 11 | 22 |
| 22. Influenza | 1 | - | 1 |
| 23. Pneumonia | 8 | 19 | 27 |
| 24. Bronchitis | 18 | 2 | 20 |
| 25. Other diseases of respiratory system | 5 | 2 | 7 |
| 26. Ulcer of stomach and duodenum | 9 | 5 | 14 |
| 27. Gastritis, enteritis, and diarrhoea | 1 | 3 | 4 |
| 28. Nephritis and nephrosis | 3 | - | 3 |
| 29. Hyperplasia of prostate | 9 | - | 9 |
| 30. Pregnancy, childbirth, abortion | - | - | - |
| 31. Congenital malformations | 2 | 2 | 4 |
| 32. Other defined and ill-defined diseases | 19 | 31 | 50 |
| 33. Motor vehicle accidents | 1 | 2 | 3 |
| 34. All other accidents | 6 | 3 | 9 |
| 35. Suicide | 3 | 4 | 7 |
| 36. Homicide and operations of war | - | - | - |
| All Causes - Total | 293 | 345 | 638 |
| Deaths of Infants under 1 year | | | |
| Legitimate | 5 | 1 | 6 |
| Illegitimate | - | 1 | 1 |
| Total | 5 | 2 | 7 |

INFANT DEATHS 1960

| | Under 1 day | 1 - 2 Days | 2 - 7 Days | Total under 1 week | 1 - 2 weeks | 2 - 4 weeks | Total under 1 month | 1 - 3 months | 3 - 6 months | 6 - 9 months | 9 - 12 months | Total under 1 year |
|--------------------------|----------------|---------------|---------------|--------------------------|----------------|----------------|---------------------------|-----------------|-----------------|-----------------|------------------|--------------------------|
| Prematurity | 2 | - | 1 | 3 | - | - | 3 | - | - | - | - | 3 |
| Congenital defects | - | 2 | - | 2 | - | - | 2 | 1 | - | - | - | 3 |
| Acute tracheo-bronchitis | - | - | - | - | - | - | - | - | 1 | - | - | 1 |
| TOTAL | 2 | 2 | 1 | 5 | - | - | 5 | 1 | 1 | - | - | 7 |

INFANT MORTALITY RATES 1947 - 1960

| | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| England and Wales | 41 | 34 | 32 | 29.8 | 29.6 | 27.6 | 26.8 | 25.4 | 24.9 | 23.8 | 23.0 | 22.5 | 22.0 | 21.7 |
| No. of deaths | 24 | 15 | 13 | 17 | 10 | 14 | 10 | 10 | 6 | 12 | 5 | 12 | 8 | 7 |
| Weston- super- Mare I.M.R. | 34.8 | 24.1 | 23.1 | 32.5 | 19.2 | 30.7 | 18.8 | 21.7 | 11.6 | 25.3 | 9.4 | 21.4 | 13.2 | 11.5 |

INQUESTS ON RESIDENTS

| <u>Causes of Deaths</u> | <u>Males</u> | <u>Females</u> | <u>Totals</u> |
|-------------------------------------|--------------|----------------|---------------|
| Natural Causes | 2 | 1 | 3 |
| Occupational Causes:- | | | |
| Pncumoconiosis | 1 | - | 1 |
| Accidents, directly or indirectly:- | | | |
| Falls in home | 2 | 1 | 3 |
| Road Accidents | 1 | 2 | 3 |
| Falls outside home | 1 | - | 1 |
| Coal Gas Poisoning | 1 | - | 1 |
| Drowning | - | 1 | 1 |
| Struck by falling timber | 1 | - | 1 |
| Suicide:- | | | |
| Coal Gas Poisoning | 1 | 1 | 2 |
| Drowning | 1 | - | 1 |
| Overdose of sedative drugs | - | 2 | 2 |
| Lysol | - | 1 | 1 |
| Struck by Railway Engine | 1 | - | 1 |
| Open Verdict:- | | | |
| Found drowned | - | 1 | 1 |
| Coal Gas Poisoning | 1 | - | 1 |
| <hr/> | | | |
| TOTAL | 13 | 10 | 23 |
| <hr/> | | | |

POPULATION

REGISTRAR-GENERAL'S ESTIMATE OF POPULATION IN

WESTON-SUPER-MARE 1940 - 1960

| | | | | | | |
|-------|--------|---------|------|-----|--------|-------------------|
| (1931 | Census | 31,706) | 1950 | ... | 40,210 | |
| 1940 | ... | 41,810 | 1951 | ... | 39,660 | (Census - 40,396) |
| 1941 | ... | 44,500 | 1952 | ... | 39,540 | |
| 1942 | ... | 41,250 | 1953 | ... | 39,650 | |
| 1943 | ... | 38,100 | 1954 | ... | 39,990 | |
| 1944 | ... | 37,930 | 1955 | ... | 40,330 | |
| 1945 | ... | 37,470 | 1956 | ... | 40,300 | |
| 1946 | ... | 38,890 | 1957 | ... | 40,600 | |
| 1947 | ... | 39,590 | 1958 | ... | 40,800 | |
| 1948 | ... | 39,710 | 1959 | ... | 41,150 | |
| 1949 | ... | 39,830 | 1960 | ... | 41,110 | |

GENERAL HEALTH SERVICES

I. HOSPITALS

In previous Annual Reports, I have made various comments on the urgent need for more hospital facilities in the area, and it has been accepted by the Regional Hospital Board that a new hospital is necessary. At the time of writing this, however, the Minister of Health is considering his future plan for new hospital building throughout the country and the Regional Hospital Board's proposals for this area will be considered in relation to the needs of other parts of the country. Until the Minister issues his programme, therefore, it is unnecessary to discuss the subject any further at this stage.

II. LOCAL HEALTH AUTHORITY SERVICES

The following services in the Borough are administered by the Somerset County Council.

INFANT WELFARE CLINICS

| | | | | |
|------------------------|-----|-----------|--------------------------|-------------------|
| Bournville Public Hall | ... | Monday | (weekly) | 2.30 to 4.30 p.m. |
| 3 Neva Road | ... | Tuesday | (weekly) | 2.30 to 4.30 p.m. |
| Baytree Road | ... | Wednesday | (weekly) | 2.30 to 4.30 p.m. |
| Moorland Road | ... | Thursday | (1st & 3rd in the month) | 2.30 to 4.30 p.m. |

INFANT WELFARE CLINIC ATTENDANCES, 1960

| | Bournville | Neva Road | Baytree Road | Moorland Road | Total |
|---|------------|-----------|--------------|---------------|--------|
| Total attendance of children in 1960. | 2,770 | 3,839 | 3,263 | 768 | 10,640 |
| No. of individual children who attended in 1960 | 384 | 473 | 478 | 138 | 1,473 |

HEALTH VISITING SERVICE

There are five Health Visitors in the town, and the following is a summary of the Home Visiting work in 1960.

| | | | | |
|---------------------------------|-----|-----|-----|--------------------|
| Visits to Ante-Natal cases | ... | ... | ... | 501 |
| Visits to infants under 1 year | ... | ... | ... | 4,067 |
| Visits to children 1 to 5 years | ... | ... | ... | 7,583 |
| Visits to school children | ... | ... | ... | 946 |
| Visits re infectious diseases | ... | ... | ... | 57 |
| Visits to old people | ... | ... | ... | 286 |
| Other visits | ... | ... | ... | 202 |
| | | | | <hr/> 13,642 <hr/> |

DISTRICT NURSING SERVICE

The District Nurses provide a scheme for Home Nursing and deal with about 600 cases each year. About 70% of these cases are old people.

HOME HELP SERVICE

The work of the District Nurses is ably backed by the Home Help Service, which provides domestic help in cases of sickness and for old people.

SCHOOL HEALTH SERVICE

The North-West Somerset Divisional Executive Area covers Weston-super-Mare and Axbridge Rural District. There are almost 10,000 school-children in the area in schools administered by the Education Authority, more than 6,000 of whom attend schools in Weston-super-Mare. 1948 children had a routine medical inspection in school and in addition there were 858 special examinations and 1,916 re-examinations.

The Health Centre at 3 Neva Road houses an Infant Welfare Clinic, Minor Ailments Clinic, Speech Clinic, Eye Clinic, Ante-Natal Clinic, Child Guidance Clinic and the Family Planning Clinic, in addition to being the offices of the Home Help Service and the Mental Health Officer.

AMBULANCE SERVICE

The County Council provides an Ambulance and Hospital Car Service through the Agency of the British Red Cross Society and St. John Ambulance Brigade. The group headquarters for the area is at 41 and 43 Oxford Street, Weston-super-Mare.

III. LOCAL AUTHORITY SERVICES

WELFARE OF OLD PEOPLE

In last year's Report, I tried to show how important it was to have the maximum cooperation between all the numerous organisations, both statutory and voluntary, concerned with the welfare of old people. With this in mind, the Old People's Welfare Committee was set up some years ago, and since then has done a great deal of work in providing some much needed services for the elderly. I doubt, however, whether its true function of coordinating the work of existing organisations is fully appreciated by all who come in contact with this Committee, although the Office-bearers are fully aware of their duties in this respect. I would appeal therefore to all Old Peoples' organisations to look upon the Old Peoples Welfare Committee as an instrument designed to help individual organisations so that unnecessary duplication of effort is avoided.

NATIONAL ASSISTANCE ACT, 1948 - Section 47

This section of the National Assistance Act provides for the removal to a suitable place of persons who are in need of care and attention, through age or disease, and who are living in insanitary conditions. This step is only taken in extreme cases and only after repeated persuasion has failed. During the year, no case was dealt with in this way.

FIRST AID POST AND CENTRE FOR LOST CHILDREN

The First Aid Post was again staffed during the summer season by members of the British Red Cross Society and the St. John Ambulance Brigade, and the Centre for Lost Children was in the charge of a Matron appointed by the Police.

WATER SUPPLIES

During the year the water supply of the town was satisfactory both in quality and quantity. 75 samples of untreated water and 161 samples of treated water were examined bacteriologically and 36 samples were examined chemically.

Various extensions to the water supplies were carried out during the year, mainly for new housing development.

SEWAGE DISPOSAL

Work on the Main Drainage Scheme continued and during the year the Black Rock Outfall Sewer was completed. The cost of this work (including steel pipes) was approximately £250,000. The construction of the Pumping Station was substantially completed by the end of the year, and with the installation of machinery, should be completed by the end of 1961. The contract figure for the Station is £320,000.

The tunnel contract for the main sewer between the Pumping Station and Winterstoke Road was approximately 50% complete by the end of 1960. The value of this contract is £305,000.

The Town Trunk Sewer connecting the tunnel contract with the existing sewers is under construction. The value of this contract is £160,000.

Work during the year was delayed owing to abnormally heavy rainfall in the autumn and early winter and it was necessary for certain alleviation work to be carried out to relieve flooding in parts of the town.

The work of the Town Development Scheme is proceeding and the contract for the main outfall sewer connecting the tunnel contract with the Town Development area will be completed by the end of 1961. The contract figure for this scheme is £32,000.

HOUSING

Whereas in 1959, the Local Authority only erected 13 houses, 154 were built in 1960, 38 of which were for slum clearance and 116 for other purposes. At the end of the year, 60 houses were in course of erection. Private enterprise built 137 houses in 1960 compared with 181 in 1959. In addition 19 flats or dwellings were gained from conversion of larger houses.

In last year's Report, it was pointed out that the emphasis on Local Authority housing programmes was changing to the provision of elderly peoples' dwellings. The Council have started several schemes for the conversion of large houses into flatlets for old people, and the first of these, Clifford House, was opened in May, 1960. During the year, a total of 136 Old Peoples' Dwellings were erected, 35 of them with financial aid from the County Council.

With regard to the general waiting list for Council houses, at the end of the year there were 945 applicants compared with 1,036 at the end of 1959. Of these 945 applicants, 855 were classified as urgent bona fide cases

The number of post-war houses erected in the Borough from 1st April, 1945, to 31st December, 1960, is as follows:-

- | | | | |
|------------------------------------|-----|-----|-------|
| (a) Erected by the Local Authority | ... | ... | 2,018 |
| (b) Erected by Private Enterprise | ... | ... | 1,598 |

During 1960, the Council intended to build 380 new houses.

The number of applications received in 1960 for "discretionary" Improvement Grants under the Housing Acts, 1949 - 1954, was 72. At the end of the year, 59 of these applications had been approved, 50 of which were in respect of owner/occupiers. The average cost per dwelling approved during the year was £258 and the total amount of grant payable by the Local Authority was £20,418.

In addition to the "discretionary" grants, 36 applications for grants to provide standard amenities were approved.

P R E V A L E N C E A N D C O N T R O L O F
I N F E C T I O U S A N D O T H E R D I S E A S E S

N O T I F I C A T I O N S O F I N F E C T I O U S D I S E A S E , 1 9 6 0

| | | | | | | | | Total cases notified |
|---------------------------------------|-----|-----|-----|-----|-----|-----|-----|----------------------|
| Diphtheria | ... | ... | ... | ... | ... | ... | ... | - |
| Scarlet Fever | ... | ... | ... | ... | ... | ... | ... | 58 |
| Erysipelas | ... | ... | ... | ... | ... | ... | ... | - |
| Puerperal Pyrexia | ... | ... | ... | ... | ... | ... | ... | 2 |
| Measles | ... | ... | ... | ... | ... | ... | ... | 6 |
| Whooping Cough | ... | ... | ... | ... | ... | ... | ... | 69 |
| Acute Poliomyelitis | ... | ... | ... | ... | ... | ... | ... | - |
| Acute Encephalitis | ... | ... | ... | ... | ... | ... | ... | - |
| Dysentery | ... | ... | ... | ... | ... | ... | ... | 1 |
| Food Poisoning | ... | ... | ... | ... | ... | ... | ... | 2 |
| Enteric Fever (including Paratyphoid) | ... | ... | ... | ... | ... | ... | ... | - |
| Pneumonia (all types) | ... | ... | ... | ... | ... | ... | ... | 3 |
| Meningococcal Infection | ... | ... | ... | ... | ... | ... | ... | - |
| Ophthalmia Neonatorum | ... | ... | ... | ... | ... | ... | ... | 1 |
| Smallpox | ... | ... | ... | ... | ... | ... | ... | - |
| Tuberculosis (pulmonary) | ... | ... | ... | ... | ... | ... | ... | 11 |
| Tuberculosis (non-pulmonary) | ... | ... | ... | ... | ... | ... | ... | - |

None of the infectious diseases produced an unusual number of notifications during 1960 and it is interesting to note that we have not had a case of poliomyelitis notified since 1957.

Poliomyelitis

| Year | No. of cases notified | No. of deaths | Remarks |
|------|-----------------------|---------------|---|
| 1947 | 7 | - | |
| 1948 | 2 | - | |
| 1949 | 3 | 1 | |
| 1950 | 4 | - | |
| 1951 | - | - | |
| 1952 | 6 | 2 | |
| 1953 | 1 | - | |
| 1954 | 5 | 1 | |
| 1955 | 4 | - | |
| 1956 | 1 | - | |
| 1957 | 6 | - |) Poliomyelitis immunisation started |
| 1958 | - | - | |
| 1959 | - | - | |
| 1960 | - | - | |

IMMUNISATION AGAINST INFECTIOUS DISEASE

I. POLIOMYELITIS IMMUNISATION

The following table shows the progress of the immunising campaign against poliomyelitis from the time it started in 1957, until the end of 1960:-

| Year | Children Born 1943 - 60 | Young Persons Born 1933 - 42 | Other Groups | Total given 2 injections | Number given 3rd (reinforcing) injection |
|-------|-------------------------------|------------------------------------|-----------------|--------------------------------|---|
| 1957 | 64 | - | - | 64 | - |
| 1958 | 2765 | 26 | 117 | 2908 | 52 |
| 1959 | 4508 | 1837 | 268 | 6613 | 5495 |
| 1960 | 629 | 371 | 654 | 1654 | 4100 |
| Total | 7966 | 2234 | 1039 | 11239 | 9647 |

II. VACCINATION AGAINST TUBERCULOSIS (B.C.G. VACCINATION)

In 1956, the County Council, as the Local Health Authority, introduced a scheme for the vaccination of children against tuberculosis. B.C.G. (Bacillus Calmetti-Guerin) vaccine is used and the offer is extended to all thirteen-year old children. The children are first given a skin test with tuberculin (Heaf Test) and if the skin reaction is negative, they are then vaccinated. Children showing a positive Heaf Test do not require vaccination, as the positive reaction shows that they have already had some infection with tuberculosis and therefore have developed some immunity.

363 thirteen-year old children in Weston-super-Mare had the preliminary Heaf Test and of these 56 were found to be positive i.e. 15.4%. The remaining 307 negative reactors were vaccinated. In 1959, 14.2% were positive reactors.

III. DIPHTHERIA AND WHOOPING COUGH IMMUNISATION

Again there were no cases of diphtheria notified in 1960 and since the end of the war only four cases have occurred in the town, the last being in 1947. The last death from diphtheria occurred in 1942. During the year, 503 children received primary immunisation against diphtheria. 429 children were immunised against whooping cough.

IV. VACCINATION AGAINST SMALLPOX.

248 primary vaccinations and 10 re-vaccinations against smallpox were carried out by private general practitioners in the Borough during 1960. The following table, giving the age distribution of persons vaccinated shows that only 200 children under the age of 1 year received primary vaccination. (Number of live births in 1960 = 610)

Persons Vaccinated (or re-vaccinated) in 1960.

| Age Groups | Under 1 | | 1 | | 2 - 4 | | 5 - 14 | | 15 & over | | Total | |
|-------------------|---------|---|-----|---|-------|----|--------|----|-----------|-----|-------|-----|
| | P | R | P | R | P | R | P | R | P | R | P | R |
| Weston-super-Mare | 200 | - | 10 | - | 12 | 1 | 22 | - | 4 | 9 | 248 | 10 |
| Somerset County | 3751 | - | 261 | - | 212 | 16 | 177 | 57 | 65 | 143 | 4466 | 216 |

P = Primary Vaccination
R = Re-vaccination

R E P O R T
O F
C H I E F P U B L I C H E A L T H I N S P E C T O R

To the Mayor, Aldermen and Councillors of
the Borough of Weston-super-Mare.

Dear Mr. Mayor, Ladies and Gentlemen,

I have pleasure in presenting my Annual Report on the sanitary administration of the Borough of Weston-super-Mare for the year 1960.

Steady progress was again maintained during the year in making fit, houses which had fallen into disrepair. The repair of defective property has for many years been a problem which succeeding governments have attempted to tackle. These attempts have taken various forms ranging from repair sections in the Public Health and Housing Acts to financial inducements in the form of increased rents under the Rent Act, 1957. The housing shortage in this country although diminishing is likely to remain with us for some time to come and the need to ensure that existing property is kept in a good state of repair is as great as ever.

November 2nd was a key date for the slaughtering industry. By that date all local authorities (unless granted a dispensation for special circumstances) submitted their slaughterhouse reports to the Ministry of Agriculture Fisheries and Food. These reports will set the broad pattern of slaughtering in this country for many years to come. The new Slaughterhouse Regulations provide for standards of hygiene in slaughterhouses, adequate meat inspection facilities and conditions securing improvements in the welfare of animals and slaughterhouse staff.

The Meat (Staining and Sterilisation) Regulations, a long overdue reform, came into force during the year. Unfit meat must now be sterilised where it originates and knackers meat stained at the source. The Regulations should prove more effective in ensuring that unfit meat sold as animal feeding stuffs is either safe or readily recognised as such.

The throughput at the Abattoir still continued at a very satisfactory level and a 100% meat inspection service was maintained during the year as it has been continuously over a long period. Every effort must be made by all local authorities to achieve this end.

Food inspection occupied a considerable part of the time of the Public Health Department and great efforts were made to improve the general standard of hygiene in food handling. Particular attention being paid to personnel, premises and equipment.

The establishment of the inspectorate was increased by the appointment of one student public health inspector who will receive theoretical and practical training over a period of 4 years. He is already proving of invaluable assistance to the District Inspectors and to the Abattoir Superintendent in routine meat inspection.

I should like to take this opportunity of expressing my thanks to the Chairman and Public Health Committee for the support given to me during the year and recording my appreciation of the help and co-operation received from the staff of all Departments.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

G.P. LAWRENCE,

Chief Public Health Inspector.

HOUSING

Housing, i.e. the care of existing houses and the building of new ones is one of the few major social services left in the hands of Borough, Urban and Rural Councils. The repair of property achieved mainly by the serving of informal notices continued throughout the year, but in some cases this procedure was enforced by the serving of statutory notices under the Housing and Public Health Acts. Since the operation of the Rent Acts, however, many landlords of "controlled houses" have maintained a reasonable standard of repair of their property, otherwise they faced a reduction in rent. The life of property which is structurally worn out should not be perpetuated, but every effort should be made to ensure that properties at present structurally sound should not be allowed to deteriorate.

The interest shown by owners in improvement grants has not been encouraging. A large number of properties of the type suitable for improvement grants are doubtless owned and occupied by people with limited capital who are unable to bear both the cost of repair and half the cost of improvement. If it is in the interest of the community to provide amenities in private houses, partially at least at public expense, then why not complete the task by making it possible for Local Authorities to make grants towards the cost of these repairs as well.

There are still innumerable privately owned houses with outside toilets and no bathrooms. Tenants of such premises will never enjoy the comfort of modern sanitation until Local Authorities are empowered by statute to deal with this problem.

Housing Act, 1957.

| | | | | | | |
|---|-----|-----|-----|-----|-----|-----|
| Houses included in Clearance area for which | | | | | | |
| Orders are still to be made | ... | ... | ... | ... | ... | Nil |
| Number of houses demolished under Section 42 | | | | | | |
| (Clearance Areas) | ... | ... | ... | ... | ... | Nil |
| Number of houses demolished or closed under | | | | | | |
| Section 17 (individual Unfits) | ... | ... | ... | ... | ... | 1 |
| Number of houses declared unfit under Section 9 | ... | ... | ... | ... | ... | 10 |
| Number of houses made fit during year | ... | ... | ... | ... | ... | 47 |

Improvement Grants

| | | | | | | |
|--|-----|-----|-----|-----|-----|----|
| Applications received | ... | ... | ... | ... | ... | 72 |
| Applications approved | ... | ... | ... | ... | ... | 59 |
| Number of houses where Standard Amenities have | | | | | | |
| been provided | ... | ... | ... | ... | ... | 36 |

Rent Act, 1957 - Certificates of Disrepair

| | | | | | | |
|---------------------------------|-----|-----|-----|-----|-----|---|
| Number of applications received | ... | ... | ... | ... | ... | 1 |
| Number of Certificates issued | ... | ... | ... | ... | ... | 2 |

Housing Inspections

| | | | | | | | |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|
| Housing Act, 1957 | ... | ... | ... | ... | ... | ... | 102 |
| Re-visits | ... | ... | ... | ... | ... | ... | 343 |
| Public Health Act, 1936 | ... | ... | ... | ... | ... | ... | 117 |
| Re-visits | ... | ... | ... | ... | ... | ... | 132 |
| Council House applications | ... | ... | ... | ... | ... | ... | 55 |
| Overcrowding | ... | ... | ... | ... | ... | ... | 17 |
| Vermin | ... | ... | ... | ... | ... | ... | 14 |
| Miscellaneous | ... | ... | ... | ... | ... | ... | 123 |

Work Done

| | | | | | | |
|--|-----|-----|-----|-----|-----|----|
| Houses externally repaired | ... | ... | ... | ... | ... | 21 |
| Houses internally repaired | ... | ... | ... | ... | ... | 22 |
| Dampness remedied | ... | ... | ... | ... | ... | 9 |
| Dustbins provided | ... | ... | ... | ... | ... | 1 |
| Repairs carried out under Housing Acts | | | | | | 32 |
| Repairs carried out under Public Health Acts | | | | | | 15 |

MOVEABLE DWELLINGS

During the year the Caravan Sites and Control of Development Act came into operation. The Act gives local authorities greater powers in the provision of sites than they had previously possessed. The model standards for both holiday and residential sites enables local authorities to require a much higher standard of sanitary amenities on sites.

It is regrettable, however, that no reference was made in the Act to overcrowding of individual caravans and it was also discouraging that Parliament had not seen fit to lay down some standards for caravan construction, especially on residential sites.

The model standards clearly implied an official appreciation that, socially, caravans on residential sites were dwellings, but I am of the opinion that even with these standards caravans will always represent a substandard type of permanent housing. I feel that residential caravanning should be constantly discouraged as a threat to the progressive improvement of open space and general housing standards.

The 1960 Act has not been of any great assistance as far as the touring caravan is concerned. It is found that as sites become available they are replaced by caravans for holiday use and the casual touring caravan owner is unable to find accommodation on a licensed site.

I feel that the whole subject of recreational camping by trailer caravans, motor caravans and holidaying in the car needs consideration by the Government.

In the Borough it is anticipated that Planning permission will be granted for 9 holiday sites with a total of 361 caravans and for 2 residential sites with a total of 41 caravans. One residential site with 15 caravans may be discontinued.

DISINFECTION AND DISINFESTATION

The Sparkhall Disinfector was operated frequently during the year and again proved invaluable for the disinfection of all bedding and clothing.

The number of rooms disinfested during the year was 24.

ATMOSPHERIC POLLUTION

Smoke observations of factory and hotel chimneys in the Borough were continued throughout the year. No serious emissions of dark smoke were recorded, and no complaints of smoke nuisances were received.

PREVENTION OF DAMAGE BY PESTS ACT, 1949

Warfarin the ante-coagulant poison was again used in all treatments for rodent control. The two annual maintenance treatments of the Town's sewers were carried out satisfactorily showing only slight infestation as in the previous year.

The refuse tip where controlled tipping is now proving very effective against the breeding of rats, was baited from time to time, but only light infestation was evident.

| | Local Authority | Dwelling Houses (incl. Council Houses) | All other (incl. Business Premises) | Totals of Cols. 1, 2 & 3 | Agricul- ture |
|---|--------------------|--|--|-----------------------------------|------------------|
| | 1. | 2. | 3. | 4. | 5. |
| 1. Number of properties in Local Authority's District | 34 | 15,769 | 720 | 16,523 | 16 |
| 2. Number of properties inspected as a result of | | | | | |
| (a) Notification | 7 | 540 | 79 | 626 | - |
| (b) Survey under the Act | - | - | - | - | - |
| (c) Otherwise (e.g. when visited primarily for some other purpose) | 5 | - | - | 5 | - |
| 3. Total inspections carried out - including re-inspections | 30 | 868 | 133 | 931 | - |
| 4. Number of properties inspected (in Sect.2) which were found to be infested by: | | | | | |
| (a) Rats (Major) | - | - | - | - | - |
| (a) Rats (Minor) | 5 | 160 | 29 | 194 | - |
| (b) Mice (Major) | - | - | - | - | - |
| (b) Mice (Minor) | 2 | 378 | 48 | 428 | - |
| 5. Number of infested properties (in Sect.4) treated by the Local Authority | 7 | 537 | 77 | 621 | - |
| 6. Total treatments carried out - including re-treatments | 9 | 662 | 110 | 781 | - |
| 7. Number of notices served under Section 4 of the Act: | | | | | |
| (a) Treatment | - | - | - | - | - |
| (b) Structural work | - | - | - | - | - |

FACTORIES ACT, 1937

1. INSPECTION FOR the purposes of provisions as to health including inspections made by Public Health Inspectors.

| Premises | No. on Register | Inspections | Written Notices | Occupier Prosecuted |
|--|-----------------|-------------|-----------------|---------------------|
| 1. Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities | 35 | 43 | - | - |
| 2. Factories not included in 1, in which Section 7 is enforced by the Local Authority | 163 | 170 | 3 | - |
| 3. Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises) | - | 41 | - | - |
| Totals | 198 | 254 | 3 | - |

2. CASES in which defects were found.

| | Number of cases in which defects were found | | | | Number of cases in which prosecutions were instituted |
|---|---|----------|-------------------|-------------------|---|
| | Found | Remedied | Referred | | |
| | | | To H.M. Inspector | By H.M. Inspector | |
| Want of cleanliness (S.1) | 1 | 1 | - | - | - |
| Overcrowding (S.2) | - | - | - | - | - |
| Unreasonable temperature (S.3) | - | - | - | - | - |
| Inadequate ventilations (S.4) | - | - | - | - | - |
| Ineffective drainage of floors (S.6) | - | - | - | - | - |
| Sanitary conveniences (S.7) | | | | | |
| (a) Insufficient | - | - | - | - | - |
| (b) Unsuitable or defective | 4 | 2 | - | 3 | - |
| (c) Not separate for sexes | - | - | - | - | - |
| Other offences against the Act (not including offences relating to Outwork) | 3 | 2 | - | 1 | - |
| Total | 8 | 5 | - | 4 | - |

3. OUTWORK - Section 110 and 111 of the Factories Act, 1937

| Nature of Work | No. of outworkers in August list required by Section 110 (1) | Section III Notices Served |
|--|---|-------------------------------------|
| Wearing apparel (making, etc. Cleaning and Washing) | 5 | - |

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

There are 6 premises registered in accordance with Section 2 of the above Act. There are no premises in the Borough to which Section 4 of the Act applies requiring licensing.

4 samples of filling materials were taken during the year and submitted for analysis. All samples were satisfactory.

PET ANIMALS ACT, 1951

The number of premises licensed as Pet Shops is 3. These Pet Shops were visited regularly throughout the year, and there was found to be no cause for complaint. The Pet Shops were well conducted and efforts had been made by the owners to improve the welfare and comfort of the animals. Precautions were taken to avoid the possibility of fire on these premises.

SHOPS

844 inspections were made during the year under the provisions of the Shops Acts, 1934 - 1950, dealing with the health and comfort of shop workers, general closing hours and hours of employment.

MERCHANDISE MARKS ACT, 1926

This Act requires an indication of origin to be given in the case of certain imported goods. Numerous inspections of various imported foods were made for this purpose, but no contraventions of the Act were recorded.

ICE CREAM

185 premises are registered for the preparation, storage and sale of ice cream, of which 4 are producers.

140 samples of ice cream were taken during the year, and a satisfactory standard was maintained.

| | Total Samples | Cold Mix | | | | Hot Mix | | | |
|-------------|------------------|----------|---|---|-----|---------|-------|------|------|
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| January | 7 | 2 | - | - | - | 3 | 2 | - | - |
| February | 8 | 2 | - | - | - | 6 | - | - | - |
| March | 8 | 1 | - | - | 1 | 3 | 3 | - | - |
| April | 12 | - | - | - | - | 7 | 3 | 1 | 1 |
| May | 12 | - | - | - | - | 9 | 3 | - | - |
| June | 18 | - | - | - | - | 2 | 9 | 3 | 4 |
| July | 21 | - | - | - | - | 8 | 7 | 5 | 1 |
| August | 11 | - | - | - | - | 7 | 2 | - | 2 |
| September | 12 | - | - | - | - | 7 | 4 | 1 | - |
| October | 11 | - | - | - | - | 11 | - | - | - |
| November | 8 | - | - | - | - | 5 | 2 | - | 1 |
| December | 12 | - | - | - | - | 6 | 5 | 1 | - |
| Totals | 140 | 5 | - | - | 1 | 74 | 40 | 11 | 9 |
| Percentages | | 3.5% | - | - | .7% | 53% | 28.6% | 7.9% | 6.4% |

CATERING ESTABLISHMENTS AND FOOD HYGIENE

In recent years the introduction and use of many excellent easily cleansed materials and furnishings and the growth of detergents and sterilising agents have all played an important part in helping to maintain a high standard of cleanliness in food manufacturing, preparation, and retailing establishments.

Whilst good premises are an invaluable aid towards good food hygiene, we have with us always, the frailties of the food handler. A careless food handler can be the cause of an outbreak of food poisoning in premises where all modern facilities for good standards of cleanliness and hygiene are provided.

Frequent staff changes and the wide diversity in age, character and working habits of the food handler make organised attempts at education in food hygiene very difficult. The use of paper towels from the point of view of hygiene have been particularly beneficial in catering hygiene. As opposed to dish cloths which cannot be used in a sterile condition, paper towels are disposed of automatically after a limited usage.

The protection of food in shops from flies and other insects has not received the close attention it deserves. In many shops, particularly confectionery shops, disease carrying insects are allowed to crawl over food on display. The refusal to purchase food from any shop harbouring flies would bring about a great improvement in food hygiene.

Butchers in many cases are reluctant to use refrigerated display cabinets. Why housewives find food more attractive when exposed than when behind glass or other protective material is a mystery. During summer months with dust and flies prevalent, refrigerated display cabinets are a necessity.

FOOD PREMISES

Number of Food Premises in Area, (excluding registered dairy premises and ice cream premises).

| | | | | |
|---|-----|-----|-----|---------------|
| Bakers | ... | ... | ... | 19 |
| Butchers | ... | ... | ... | 50 |
| Fishmongers | ... | ... | ... | 14 |
| Fishfryers | ... | ... | ... | 10 |
| Grocers | ... | ... | ... | 99 |
| Greengrocers | ... | ... | ... | 39 |
| Restaurants, cafes, snack bars etc. | ... | ... | ... | 109 |
| Licensed Premises | ... | ... | ... | 49 |
| Hotels, Private Hotels and Boarding Houses | ... | ... | ... | 410 (approx.) |

Inspections of Food Premises:

| | | | | |
|------------------------------|-----|-----|-----|-----|
| Abattoir | ... | ... | ... | 511 |
| Bakehouses | ... | ... | ... | 113 |
| Butchers Shops | ... | ... | ... | 361 |
| Catering Establishments | ... | ... | ... | 628 |
| Dairies and Milk Shops | ... | ... | ... | 235 |
| Fishmongers | ... | ... | ... | 108 |
| Fried Fish Shops | ... | ... | ... | 130 |
| Greengrocers | ... | ... | ... | 160 |
| Grocers | ... | ... | ... | 282 |
| Ice Cream Shops and Premises | ... | ... | ... | 107 |
| Licensed Premises | ... | ... | ... | 59 |
| Foods for condemnation | ... | ... | ... | 91 |
| Miscellaneous | ... | ... | ... | 171 |

Samples Taken:

| | | | | |
|--|-----|-----|-----|-----|
| Bottle rinses | ... | ... | ... | 60 |
| Drinking water | ... | ... | ... | 27 |
| Food | ... | ... | ... | 145 |
| Ice Cream | ... | ... | ... | 140 |
| Milk | ... | ... | ... | 279 |
| Rag Flock and Other Filling Materials | ... | ... | ... | 4 |
| Swimming Bath Water | ... | ... | ... | 96 |

Unsound Food Condemned in the Town:-

| | | | | | | | |
|----------|-----|-----|----------|--------|-----|-----|---------|
| Meat | ... | ... | 953 lbs. | Cheese | ... | ... | 23 lbs. |
| Sausages | ... | ... | 7 " | Fruit | ... | ... | 54 " |
| Bacon | ... | ... | 57 " | Ewes | ... | ... | 10 |
| Fish | ... | ... | 450 " | | | | |
| Poultry | ... | ... | 1 lb. | | | | |

Canned Goods:-

| | | | | | | | |
|-----------------|-----|-----|----------|---------------------|-----|-----|----------|
| Meat | ... | ... | 213 cans | Vegetables | ... | ... | 12 jars |
| Fruit | ... | ... | 724 " | Jams and Marmalades | ... | ... | 41 " |
| Fish | ... | ... | 108 " | | | | |
| Vegetables | ... | ... | 219 " | | | | |
| Milk | ... | ... | 131 " | Cake Mix | ... | ... | 49 pkts. |
| Jam & Marmalade | ... | ... | 58 " | | | | |
| Soups | ... | ... | 17 " | | | | |
| Cream | ... | ... | 14 " | | | | |
| Poultry | ... | ... | 2 " | | | | |
| Coffee | ... | ... | 1 " | | | | |
| Salad Cream | ... | ... | 3 " | | | | |
| Rice | ... | ... | 7 " | | | | |
| Mincemeat | ... | ... | 2 " | | | | |
| Baby Foods | ... | ... | 9 " | | | | |

Food and Drugs Act

Food adulteration is as rare today as it was prevalent 100 years ago. This has now been superseded, however, by misleading advertisements and inaccurate labelling and descriptions. Samples are chosen after careful scrutiny and consideration.

The number of samples submitted for analysis for the year 1960 was 145.

| No. of Samples | Description of samples | Result of Analysis | No. of Samples | Description of samples | Result of Analysis |
|----------------|------------------------|--------------------|----------------|------------------------|--------------------|
| 8 | T.T. (Past) Milk | Genuine | 2 | Ground Rice | Genuine |
| 3 | T.T. (Past)C.I.Milk | " | 1 | Ground Rice | Unsatis. |
| 3 | Sterilised Milk | " | 1 | Gelentine | Genuine |
| 1 | Calves Foot Jelly | " | 1 | Minced Chicken | |
| 2 | Ground Almonds | " | | in Jelly | " |
| 1 | Ox Tail Soup Powder | " | 1 | Parsley | " |
| 6 | Butter | " | 1 | Le-Ka-Ri | " |
| 1 | Butter | Unsatis. | 1 | Sauce | " |
| 2 | Lentils | Genuine | 1 | Java Crackers | " |
| 1 | Barley | " | 1 | Dried Veg. & Spices | " |
| 1 | Sugar Cane Molasses | " | 1 | Whole Rice | " |
| 1 | Pate De Foie Truffle | " | 1 | Dates | " |
| 1 | Blackcurrant Jam | | 1 | Choc. Blanchange | |
| | Sponge | " | | Powder | " |
| 1 | Jar of Mussells | " | 1 | Arrowroot | " |
| 2 | Pure Double Cream | " | 2 | Pork Luncheon Meat | " |
| 2 | Ox Tail Soup | " | 1 | Aspirin | " |
| 1 | Jar of Herrings | " | 2 | Sardines | " |
| 1 | Crusha Milk Shake | | 1 | K.P. Nuts | " |
| | Syrup | " | 1 | Pork Pies | " |
| 1 | Indian Egg Curry | " | 1 | Trios | " |
| 1 | Cream of Mushroom | | 1 | Cheese Spread with | |
| | Soup | " | | Han & Onions | " |
| 1 | Chocolate Fruit | | 1 | Evap. Milk | " |
| | Marzipan | " | 1 | Veal Han & Meat Paste | " |
| 1 | Ferr. Phos | Adult. | 1 | Chicken Soup | " |
| 2 | Pure Lard | Genuine | 1 | Mushroom Sauce | " |
| 3 | Cream | " | 1 | Blackcurrant Vitamin C | " |
| 4 | Pork Sausage | " | 1 | Devonshire Cream | |
| 1 | Pork Sausage | 66.9% Meat | | Fudge | Incor.lab. |
| 1 | Batter Mix | Genuine | 1 | Stuffed Pork Roll | Genuine |
| 1 | Saccharin Tablets | " | 1 | Braised Pork | |
| 1 | Gooseberries | " | | Kidneys | Incor.lab. |
| 1 | Pineapple Segments | " | 1 | Stewed Steak | Genuine |
| 1 | Minced Beef Loaf | " | 1 | Lenonade Powder | " |
| 1 | Kipper Snacks | " | 2 | Processed Peas | " |
| 1 | Liver Sausage | " | 1 | Choc-o-Sponges | " |
| 1 | Garden Mint in Vinegar | " | 1 | Almond Butter Crisp | " |
| 1 | Bahni Kantan Klaar | " | 3 | Ice Cream | " |
| 2 | Minced Beef with | | 1 | Fruit Sauce | " |
| | Onion & Gravy | " | 1 | Margarine | " |
| 2 | Macaroni Milk Pudding | " | 1 | Cheese Spread | " |
| 2 | Stuffed Pork & meat | | 1 | Tea | " |
| | Roll | " | 1 | Salmon | " |
| 1 | Shredded Beef Suet | " | 1 | Lenon Flavoured Jelly | " |
| 1 | Nestea | " | 1 | Cream Rice Pudding | " |
| 1 | Chicken Fillets in | | 1 | Lenon Pie Filling | " |
| | Chicken Jelly | " | 1 | Table Cream | " |
| 1 | Royal Chiffon | " | 1 | Fruit Pie | " |
| 1 | T.C.P.Throat Tablets | " | 1 | Minced Beef | Incor.lab. |
| | Blackcurrant Flav. | " | 1 | Junior Tomato,Macaroni | |
| 1 | Cocktail Sausages | " | | & Beef Dinner | Genuine |
| 1 | Capers | " | 1 | Pearl Sago | " |
| 1 | Dressed Crab | " | 1 | Pure Almond Marzipan | " |
| 1 | Ready Mixed Mustard | " | 1 | Pure Coffee | " |
| 1 | Mixed Spice | " | 1 | Liver Sausage | " |
| 3 | Seed Pearl Tapioca | " | 1 | Chicksnak | " |

| No. of Samples | Description of samples | Result of Analysis | No. of Samples | Description of samples | Result of Analysis |
|----------------|------------------------|--------------------|----------------|------------------------|--------------------|
| 1 | Stoned Dates | Genuine | 1 | Christmas Pudding | Genuine |
| 1 | Nuts and Fruit | " | 1 | Mincemeat | " |
| 1 | Beef Sausage | " | 1 | Whisky | " |
| 1 | Run | " | 1 | Gin | Unsatis. |

DAIRIES AND MILK SHOPS

Now that the day of Tuberculous milk is considered to be over and all cattle are "attested", the question that is often asked is why is there any necessity to continue pasteurising milk or, in fact, what advantages there are to the customer who pays a penny a pint extra for T.T. milk.

A strong argument against the elimination of the expensive procedure of pasteurising milk is the fact that there are pathogenic organisms other than the tubercle bacillus. An Analysis in June showed that 5-6 per cent of all liquid milk consumed in England and Wales was neither pasteurised or sterilised. 1.3 per cent of milk samples examined by the Public Health Laboratory Service in England and Wales were found to be infected with brucellosis abortus which is notifiable in every European country except Great Britain.

Also apart from diseases of cattle there are well known risks both in milking methods and during the course of distribution. There are acknowledged reasons for continuing a safety first procedure of milk pasteurisation which has already had extremely effective results.

The pasteurising process also enables milk to be stored for a much longer period than is the case with fresh milk.

The chief advantage of drinking tuberculin tested milk would appear to lie in the fact that there is an assurance that it is produced under satisfactory standards of cleanliness, a condition which does not necessarily apply in the case of pasteurised milk.

The following licences were granted:-

| | <u>Dealers</u> | <u>Supplementary</u> | <u>Pasteurisers</u> |
|-----------------------|----------------|----------------------|---------------------|
| Pasteurised | 49 | 3 | 1 |
| Tuberculin Tested ... | 41 | 3 | - |
| Sterilised | 5 | - | - |

279 samples of designated milk were examined and the results were as follows:-

Designated Milk Sampling

| Designation | Samples Taken | Satisfactory | Unsatisfactory |
|-------------------|---------------|--------------|----------------|
| Tuberculin Tested | 24 | 21 | 3 |
| Pasteurised | 254 | 254 | - |
| Sterilised | 1 | 1 | - |

DRINKING WATER

157 samples of water for bacteriological analysis from taps in various parts of the district were submitted with satisfactory results.

SWIMMING BATH WATER

96 samples of swimming water from the Open Air Swimming Pool and Knightstone Baths were submitted for bacteriological analysis, and were found to be satisfactory.

The approximate number of bathers for the year was as follows:-

| | | |
|------------------------|-----|---------------------------|
| Open Air Swimming Pool | ... | 2,000 daily during season |
| Knightstone Baths | ... | 300 daily during season |

| Name of Bath | Water | | | Treatment | | | |
|-------------------|-------|-----|-------|---------------|------------|------------------------|------|
| | Main | Sea | Other | Recirculation | Filtration | Chlorination Automatic | Hand |
| The Pool | | Sea | | Yes | Pressure | Yes | |
| Knightstone Baths | | Sea | | Yes | Pressure | Yes | |

OFFENSIVE TRADES

The only offensive trade operating in the Borough is that of gut scraping at the Public Abattoir. It has now been operative for several years without complaint.

DISEASES OF ANIMALS (WASTE FOODS) ORDER, 1957

The number of licensed collectors in the Borough is now 17.

SUMMARY OF VISITS BY PUBLIC HEALTH INSPECTORS

| | | | | |
|--|-----|-----|-----|-------|
| Total number of inspections and visits | ... | ... | ... | 7,869 |
| Nuisances or complaints | ... | ... | ... | 412 |
| Cesspools | ... | ... | ... | 144 |
| Cinemas and Public Buildings | ... | ... | ... | 5 |

Drainage:

| | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Inspections | ... | ... | ... | ... | ... | ... | ... | 179 |
| Tests | ... | ... | ... | ... | ... | ... | ... | 15 |
| Dustbins | ... | ... | ... | ... | ... | ... | ... | 30 |

Factories

| | | | | | | | | |
|---------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Power | ... | ... | ... | ... | ... | ... | ... | 170 |
| Non-Power | ... | ... | ... | ... | ... | ... | ... | 43 |
| Outworkers | ... | ... | ... | ... | ... | ... | ... | 15 |
| Workplaces | ... | ... | ... | ... | ... | ... | ... | 41 |
| Infectious Disease visits | ... | ... | ... | ... | ... | ... | ... | 48 |
| Visits re Food Poisoning | ... | ... | ... | ... | ... | ... | ... | 8 |
| Interviews with Owners etc. | ... | ... | ... | ... | ... | ... | ... | 364 |
| Miscellaneous visits | ... | ... | ... | ... | ... | ... | ... | 724 |
| Offensive accumulations | ... | ... | ... | ... | ... | ... | ... | 96 |
| Public Conveniences | ... | ... | ... | ... | ... | ... | ... | 288 |
| Pet Animals Act | ... | ... | ... | ... | ... | ... | ... | 9 |
| Public and Private Refuse Tips | ... | ... | ... | ... | ... | ... | ... | 315 |
| Rag Flock and Other Filling Materials | ... | ... | ... | ... | ... | ... | ... | 4 |
| Shop Act | ... | ... | ... | ... | ... | ... | ... | 844 |
| Smoke Abatement | ... | ... | ... | ... | ... | ... | ... | 45 |
| Stables and Piggeries | ... | ... | ... | ... | ... | ... | ... | 164 |
| Tents, vans and Sheds | ... | ... | ... | ... | ... | ... | ... | 335 |
| Wasp Nests | ... | ... | ... | ... | ... | ... | ... | 52 |

INFECTIOUS DISEASES, DISINFECTIONS, ETC.

| | | <u>Rooms</u> | <u>Articles</u> |
|--------------------|-----|--------------|-----------------|
| Tuberculosis | ... | 1 | 6 |
| Cancer | ... | 6 | 46 |
| N.N. | ... | 7 | 152 |
| Vernin | ... | 24 | - |
| | | ----- | ----- |
| | | 38 | 204 |
| | | ----- | ----- |
| Articles destroyed | 11 | | |

INSPECTION OF MEAT

The Regulations introduced under the Slaughterhouse Act, 1958, will hasten the closure of many small and inefficient slaughterhouses. It is possible that the future trend will be towards meat factories receiving raw material from specialised livestock production units and processing it into standard prepacked merchandise for self service distribution.

By November all local authorities should have submitted their reports on the existing and probable future requirements of their district for slaughterhouse facilities. Slaughterhouses will now have to conform to a definite standard.

A considerable amount of repair and improvement of buildings and equipment was carried out at the Abattoir during the year. The new Regulations require the provision of stunning pens for all adult cattle and this will remove for all time the unpleasant sight of animals being dragged into the slaughterhouse by ropes and killed in front of animals already dead. This improvement should be completed in the coming year.

I am again pleased to record that all animals were inspected as to fitness for human consumption. Slaughtering hours continued to be reasonable and the Council were again firm in refusing to permit Sunday slaughtering, a decision I am sure which receives wide support throughout the country by public health inspectors. I see no reason why every local authority could not make a similar decision.

| | | Tons | Cwts. | Qrs. | lbs. |
|-------------------------|-----|-------|-------|-------|-------|
| Condemned Meat | ... | 53 | 6 | 0 | 3 |
| Non edible offals, etc. | | 285 | 12 | 3 | 2 |
| | | ----- | ----- | ----- | ----- |
| Total | | 338 | 18 | 3 | 5 |
| | | ----- | ----- | ----- | ----- |

Animals Killed at the Public Abattoir

| | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pigs | 6,640 | 19,532 | 18,640 | 18,981 | 15,204 | 20,535 | 16,990 | 15,693 |
| Sheep | 31,969 | 25,620 | 18,110 | 25,351 | 25,793 | 30,371 | 47,194 | 44,095 |
| Calves | 7,582 | 4,119 | 2,970 | 3,716 | 2,708 | 1,664 | 1,437 | 1,159 |
| Beasts | 9,120 | 8,897 | 6,996 | 9,100 | 8,714 | 12,077 | 8,036 | 7,749 |

Difference from the year 1959

| | | | |
|--------|--------|---------|---------|
| Cattle | Calves | Sheep | Pigs |
| - 287 | - 278 | - 3,099 | - 1,297 |

being a decrease of 4,989 animals over 1959.

The income from slaughtering charges, tolls and rentals was as follows:-

| | £. | s. | d. |
|--|--------|-----|-----|
| 1952 | 4,332 | 6. | 6. |
| 1953 | 4,592 | 16. | 10. |
| 1954 | 5,605 | 19. | 5. |
| 1955 | 6,741 | 17. | 6. |
| 1956 | 9,162 | 2. | 10. |
| 1957 | 8,706 | 17. | 10. |
| 1958 | 10,541 | 15. | 6. |
| 1959 | 10,806 | 16. | 7. |
| 1960 including rentals and tolls etc. as below | 10,956 | 5. | 1. |
| Abattoir Rentals | 1,203 | 4. | 0. |
| Car Washing Fees | 79 | 12. | 10. |
| Sale of manure to Parks Committee etc. | 111 | 6. | 3. |
| and | | | |
| Cattle | | | |
| Market Tolls | 259 | 16. | 2. |

DISEASED MEAT AND ORGANS

The total weight of diseased, unsound or injured meat and organs condemned was:-

| <u>Tuberculous Meats:-</u> | Tons | cwts. | qrs. | lbs. | Tons | cwts. | grs. | lbs. |
|--|------|-------|------|------|------|-------|------|------|
| Beef and organs including 8 carcasses | 3 | 0 | 3 | 24 | | | | |
| Pigs and organs including carcasses | | 10 | 1 | 1 | | | | |
| Veal and organs, including 1 carcase and all offal | | | 2 | 4 | | | | |
| | | | | | 3 | 11 | 3 | 1 |
| <u>Non-Tuberculous Meat:-</u> | | | | | | | | |
| Beef and organs including 20 carcasses and 52 quarters | 28 | 12 | 1 | 7 | | | | |
| Pigs and organs, including 42 carcasses and 39 quarters | 6 | 10 | 1 | 9 | | | | |
| Sheep and organs including 366 carcasses and 38 quarters | 14 | 2 | 3 | 2 | | | | |
| Calves and organs including 22 carcasses and offal | | 8 | 3 | 12 | | | | |
| | | | | | 49 | 14 | 1 | 2 |
| Total weight of all condemned meat | 53 | 6 | 0 | 3 | | | | |

CARCASES INSPECTED AND CONDEMNED

Carcases and offal inspected and condemned in whole or in part during year:-

| | Cattle excluding Cows | Cows | Calves | Sheep and Lambs | Pigs |
|---|-----------------------------|-------|--------|-----------------------|-------|
| Number Killed (if known) | 4450 | 3299 | 1159 | 44095 | 15693 |
| Number Inspected | 4450 | 3299 | 1159 | 44095 | 15693 |
| <u>All diseases except Tuberculosis and Cysticerci</u> | | | | | |
| Whole carcasses condemned | 9 | 11 | 22 | 366 | 42 |
| Carcases of which some part or organ was condemned | 1143 | 2672 | 8 | 6110 | 3173 |
| Percentage of the number inspected affected with disease other than tuberculosis and cysticerci | 25.9% | 81.3% | 2.5% | 14.6% | 20.4% |
| <u>Tuberculosis only</u> | | | | | |
| Whole carcasses condemned | 3 | 5 | 1 | - | - |
| Carcases of which some part or organ was condemned | 31 | 44 | - | - | 88 |
| Percentage of the number inspected affected with tuberculosis | .76% | 1.4% | .08% | - | .56% |
| <u>Cysticercosis</u> | | | | | |
| Carcases of which some part or organ was condemned | 54 | 20 | - | - | - |
| Carcases submitted to treatment by refrigeration | 54 | 20 | - | - | - |
| Generalised and totally condemned | - | - | - | - | - |

1960 - DISEASED OR INJURED MEAT CONDEMNED AT THE ABATTOIR

| CATTLE | Carcasses | Quarters | Heads & Tongues | Lungs & Hearts | Livers | Guts | Tripos | Skirts | Spleens | CALVES | Carcasses | Quarters | Plucks | SHEEP | Carcasses | Quarters | Plucks | Livers | Guts | Lungs | PIGS | Carcasses | Quarters | Heads | Plucks | Livers | Guts | Lungs |
|-------------------------------|-----------|----------|-----------------|----------------|--------|------|--------|--------|---------|--------|-----------|----------|--------|-------|-----------|----------|--------|--------|------|-------|------|-----------|----------|-------|--------|--------|------|-------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 | 5 | 17 | 34 | 4 | 4 | 3 | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Tuberculosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cirrhosis (Distoma Hepaticum) | | | | | 1141 | | | | | | | | | | | | 2054 | 1128 | | | | | | | | 195 | | |
| Abscesses | | | 42 | 128 | 516 | 64 | 77 | 159 | 74 | 1 | | | | | | 4 | 250 | | | | | | 16 | 49 | | | 90 | |
| Actinomyces | | | 47 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angioma | | | | 672 | | | | | | | | | | | | | | | | | | | | | | | | |
| Fever | 11 | | | 84 | 84 | 28 | 84 | | | 5 | | | | | 27 | | | 85 | 8 | | | | | | | | 71 | |
| Emaciation | | | | | | | | | | | | | | | 189 | | | | | | | | | | | | | |
| Pericarditis | | | 73 | | | | | | | | | | | | | | | | | | | | | | 277 | | | |
| Peritonitis | 1 | | | | | | | | | | | | | | | | 313 | | | | | | | | | 372 | | |
| Pneumonia | | | | 73 | | | | | | | | | | | 15 | | | | | | | | | | | | | |
| Johne's Disease | 6 | | | | 78 | | | | | | | | | | | | | 1820 | 9 | | | | | | | 407 | | |
| Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cysticercosis Bovis | | | 74 | 74 | | | | 74 | | | | | | | | | | | | | | | | | | | | |
| Septic | | | | | | | | | | | | | | | 39 | | 268 | | | | | | 14 | | | | | |
| Septicaemia | | | | 54 | | | | | | | | | | | | | | | | | | | | | | | | |
| Oedema | 2 | | | | | | | | | 4 | | | | | 87 | | | | | | | | 9 | | | | | |
| Erysipelas | | | | | | | | | | | | | | | | | | | | | | | 7 | | | | | |
| Innaturity | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Jaundice | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Moribund | | | | | | | | | | | | | | | 24 | | | | | | | | 6 | | | 33 | | |
| Bruising | | 52 | | | | | | | | | | | | | 19 | | | | | | | | 23 | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 120 | |
| Swine Fever | | | | | | | | | | | | | | | | | | | | | | | 6 | | | | | |
| Unbilical Pyaemia | | | | | | | | | | 7 | | | | | | | | | | | | | | | | | | |
| Blood Tumours | | | | | | | | 127 | | | | | | | | | | | | | | | | | | | | |
| Braxy or black quarter | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Melanosis | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| TOTAL | 28 | 57 | 180 | 436 | 2417 | 174 | 164 | 241 | 201 | 23 | 2 | 6 | | | 366 | 38 | 2825 | 3033 | 17 | 197 | | 42 | 39 | 151 | 1056 | 285 | 210 | 1520 |

M E T E O R O L O G I C A L R E P O R T

1 9 6 0

The year 1960 will be remembered mostly for its excessive rainfall. The total of 43.00 inches is the highest since records were started in 1882. Only on four occasions since that date has the total exceeded 40 inches - 1912 (41.89 ins.), 1924 (42.06 ins.), 1950 (40.24 ins.), and 1960 (43.00 ins.), while the 10-year (1950 - 1959) average is 32.41 inches.

There was also a deficiency of sunshine, the total of 1569.7 hours being 46.2 hours lower than the 10-year average. February, June, November and December were the only months in which the total sunshine hours exceeded the 10-year average. November (89.6 hours) had the highest since 1923 (96.8 hours), while June had only one day on which no sun was recorded. October (80.1 hours) had the lowest since 1946 (78.4 hours).

February, March, May and June were the driest months with rainfall below the 10-year average, although April 2.23 ins.) and (10-year average 1.74 ins.) had a period of 15 consecutive days when no rain was recorded, an official drought. July (4.84 ins.) had the highest rainfall since 1920 (5.04 ins.) and (10-year average 2.54 ins.), and October the highest since records were started in 1882. Also the highest of any month - the second highest being December 1934 (8.14 ins.). The 10-year average for October is 2.81 ins. There were only 4 days in November when no rain was recorded, whereas the previous three years had 11, 13 and 22 days in November without rain. May had 11 consecutive and a total of 21 days without rain, as compared with May of last year, which also had 21 days, but May 1958 had only 11 days.

Maximum temperatures on the whole were lower during 1960, apart from March, when the highest was 62°. Since 1949 the highest maximum of 60° or over during March has only been recorded on two previous occasions - 1950 (62°), and 1957 (64°). In April and July the highest maximum temperatures of 61° and 71° respectively were the lowest recorded in these months since 1941 (also 61°) and 1954 (70°). May's lowest minimum temperature was 40°, and since 1940, only on two previous occasions has it remained as high as 40° or over - 1940 (42°), and 1958 (43°). June also had a 'high' lowest minimum temperature of 49°. This high record of 49° has only occurred on two previous occasions since 1911 - 1940 and 1958.

A maximum temperature of 70° or over was recorded on 6 days and 5 days only in August and September, as compared with 19 days and 15 days in the same months of 1959.

The amount of snow recorded as lying on the ground during January and February was only slight, and measured approximately 1" and $\frac{1}{2}$ " respectively.

MONTHLY RESULTS OF METEOROLOGICAL OBSERVATIONS, 1960

| | TEMPERATURES | | | | High-- est Max. | | | Low-- est Min. | RAINFALL | | | | SUNSHINE | | Number of Days | | | | | | | | SEA TEMPERATURES | |
|-------------------|--------------|------|------|-------|-----------------------|------|-------|----------------------|-----------------|-------------------------------------|--------------------------------|-----------------------------------|----------------|--------------------------------|----------------|------------|------|---------------|-----|-----------|--------------|------|------------------|--|
| | Means | | | Range | Mean | o | o | o | Total inches | + 9 a.m. to 6 p.m. ins. | 6 p.m. to 9 a.m. ins. | No. Days .04" or over | Total hours | Daily Aver- age hours | Snow or sleet | Snow lying | Hail | Thunder heard | Fog | Air Frost | Ground Frost | Gale | | |
| | Max. | Min. | o | | | | | | | | | | | | | | | | | | | | | |
| | | o | o | o | | | | | | | | | | | | | | | | | | | | |
| January | 46.0 | 37.0 | 9.0 | 41.5 | 55 | 23 | 3.32 | .93 | 2.39 | 13 | 36.6 | 1.18 | 3 | 2 | 1 | - | 3 | 9 | 14 | 1 | 44.7 | | | |
| February | - # | 36.3 | - # | - # | - # | 27 | 1.99 | .95 | 1.04 | 11 | 85.8 | 2.96 | 4 | 1 | - | - | 2 | 9 | 13 | 1 | 47.1 | | | |
| March | 50.6 | 39.6 | 11.0 | 45.1 | 62 | 31 | 1.70 | .50 | 1.20 | 12 | 101.5 | 3.27 | 2 | - | - | - | 3 | 1 | 5 | 1 | 52.1 | | | |
| April | 56.3 | 42.4 | 13.9 | 49.3 | 61 | 32 | 2.23 | 1.28 | .95 | 9 | 185.1 | 6.17 | - | - | 1 | - | - | 1 | 6 | 2 | 57.9 | | | |
| May | 63.6 | 49.8 | 13.8 | 56.7 | 72 | 40 | 1.30 | .35 | .95 | 5 | 194.2 | 6.26 | - | - | - | - | 2 | 1 | - | - | 62.2 | | | |
| June | 69.6 | 54.7 | 14.9 | 62.1 | 81 | 49 | 1.38 | .29 | 1.09 | 9 | 260.3 | 8.68 | - | - | 1 | - | 3 | 1 | - | - | 67.0 | | | |
| July | 66.8 | 55.1 | 11.7 | 60.9 | 71 | 47 | 4.84 | .97 | 3.87 | 20 | 170.4 | 5.50 | - | - | - | - | 1 | - | - | - | 66.0 | | | |
| August | 67.3 | 54.4 | 12.9 | 60.9 | 74 | 48 | 3.99 | 1.75 | 2.24 | 17 | 172.2 | 5.55 | - | - | - | - | 4 | - | - | - | 66.5 | | | |
| September | 63.9 | 52.1 | 11.8 | 58.0 | 73 | 44 | 4.07 | 2.40 | 1.67 | 14 | 131.2 | 4.37 | - | - | - | - | 1 | - | - | - | 59.5 | | | |
| October | 57.2 | 46.9 | 10.3 | 52.1 | 64 | 35 | 8.70 | 2.95 | 5.75 | 20 | 80.1 | 2.58 | - | - | - | - | 2 | 1 | - | 4 | 53.5 | | | |
| November | 52.2 | 42.6 | 9.6 | 47.4 | 60 | 28 | 5.21 | 2.44 | 2.77 | 24 | 89.6 | 2.99 | - | - | - | - | 2 | 1 | - | 3 | 51.3 | | | |
| December | 45.2 | 36.6 | 8.6 | 40.9 | 54 | 28 | 4.27 | 1.33 | 2.94 | 18 | 62.7 | 2.02 | - | - | - | - | 2 | - | 6 | 8 | 47.5 | | | |
| Means & Totals | 58.1 | 45.6 | 11.6 | 52.3 | 66.1 | 36.0 | 43.00 | 16.14 | 26.86 | 172 | 1569.7 | 4.29 | 9 | 3 | 7 | 14 | 17 | 29 | 61 | 10 | 56.3 | | | |

* 29 days only
30 days only
! 11 months only
+ 10 a.m. Summer Time
≠ Maximum Thermometer out of order

